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Item 4. Non-Resident Field Engineering and Training, Requirement 1.

a. Field engineering services will be required for the support of the continuing R & D program for System 1, System 2, System 3, and the Data Reduction Equipment. Field tests will be performed to check new modifications and new designs of equipment. Some equipments will require field testing before delivery. Suggestions and comments from field units and from the customer will require evaluation under field conditions. Miscellaneous purchased parts, fabricated parts, and certain specialized pieces of test apparatus will be required to perform these evaluations.

b. Engineers and technicians to perform resident field engineering services in support of System 1, System 2, System 4, and the Data Reduction Equipment will receive in-plant training.

c. Two personnel from the Air Training Command will receive factory training.

d. Man Months, Engineering.

	<u>Man Months</u>
Field Support	2
Instructors	6
Training	6
	<hr/> 14

e. Man Months, Technician:

	<u>Man Months</u>
Field Support	4
Training	3
	<hr/> 10

f. Miscellaneous Spare Parts and Training Aids

\$2,000.00

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4

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EMCC Doc. No. 113257.100

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Item 5. Non-Resident Field Engineering Services, 3-Channel Data Reduction Equipment, Requirement 3.

a. As directed by letter #14007 dated 19 March 1957 from the contracting officer, the installation of the Data Reduction System will be required in approximately eight locations. It is estimated that Requirement 3 resident field engineers will install the Data Reduction Equipment and provide technical support at four locations.

b. The installation, checkout, and instruction of customer personnel will require approximately one and one-half months for each installation. The continued support of each installation is estimated to be two man months per year for the first year. No engineering support is estimated after that time.

c. Emergency miscellaneous spare parts will be required, estimated to be \$100.00 per installation per year.

d. Man Months, Engineering:

Man Months

3

e. Estimated Travel:

U. S. 3 Trips

f. Emergency Miscellaneous Spare Parts

\$ 100.00

Item 6. Non-Resident Field Engineering Services, 14-Channel Data Reduction Equipment, Requirement 3.

a. Installation and continued support of the 14-Channel Data Reduction Equipment will require the services of one engineer at each location for an estimated period of two months. It is estimated the Requirement 3 resident field engineers can provide this service at two locations. Continued effort will be required for the first year for an estimated two and one-half man months per year.

b. Emergency miscellaneous spare parts will be required, estimated to be \$100.00 per installation per year.

c. Man Months, Engineering:

Man Months

2

d. Estimated Travel:

U. S. 2 Trips

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Approved For Release 2000/04/18 : CIA-RDP81B00878R001400050050-3

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Item 9. Miscellaneous Support of Field Units. Requirement

a. From time to time, field units require miscellaneous spare parts and apparatus that do not appear on SLOE and FAK lists. These are low-usage, low-cost items. Time delays or the lack of local availability at times provide operational problems of a rather serious nature. It must be recognized that all of the small details and the specialized needs of certain geographic locations will not be taken into account in the FAK and SLOE listings. In most cases it would not be economical to attempt such detailed listings.

b. The contractor proposes to set up a special fund to honor requests for such parts when received from the Supply Officer or other designated authority of any field unit. The cost to the Government shall not exceed \$2,000 per year per location.

c. Estimated Cost for 1 Location

\$1,000.00

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CMCC Doc. No. 151X5.904
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Dear Dan:

We are enclosing our proposal covering the field service requirements for Customers 1, 2 and 3 for the first half of 1958.

Exhibit A outlines the field service costs to be covered by Contract [redacted] and is broken down by the three customer requirements. In addition to supervision of the field service program, the in-plant costs of training our field service personnel for all customers are included. We have also included the costs of field service at the local test sites and anticipated support of System 6. The costs of supporting installation of data reduction equipment for Customer 3 and the training of 2 Air Training Command personnel in accordance with your 1 October letter, #19838, are included. The services of [redacted] for Customer 2 are also covered under this contract for a period of 2 months each until they are assigned to field engineering duties overseas under separate contracts. Provision is again made for the direct shipment of certain items of material and spare parts to the field service activities although we do not anticipate that the requirement for this will be very large.

The total estimated cost for the field engineering program under [redacted]

Exhibit B covers the overseas field service for the project covered by Contract A-103. The estimate of services is based on the transfer of support for Systems 1, 2 and the 3-channel data reduction equipment at base B from our field service personnel to project personnel effective April 1, 1957. If there is any delay in that transfer, additional service may be required under this contract. It is estimated that the work program set forth here will require funding of about [redacted]. Approximately [redacted] of additional funding is required to cover the cost of the field service program under [redacted] during 1957 and should be added to the estimate shown here for the first half of 1958.

Exhibit C sets forth the resident field service requirements for Customer 3. It is estimated that the work program set forth here will require funding of about [redacted] for this period.

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25X1A

Field service rates under contracts [REDACTED] should continue provisionally at the same rates now in effect for the last half of 1957. As soon as we can complete an analysis of our costs for that period, we will forward to you a proposal for revised rates covering the first half of 1958.

The requirements for field engineering services in support of the new System 2 fixed equipment for Customer 2 are outlined in Exhibit D. Unless separate contract coverage is provided for this, we would propose to perform the work under Contract [REDACTED]. Approximately [REDACTED] of funding will be required for this work.

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Three classes of field service personnel are covered by the proposals: Field Technicians, Field Engineers and Field Engineering Supervisors or R&D professional personnel. Separate labor rates are applicable to each group. [REDACTED] are classified as Field Engineering Supervisors. It is anticipated that about eight man-months of R&D professional time will be required in Field Engineering activities during the period principally for instruction of Field Engineering and Customer personnel at our plant and, in a few instances, for short periods of instruction at operating sites.

25X1A

Your early approval of the field support program as set forth here will be appreciated. In the interim, we will proceed on the basis of the program outlined in the proposals unless you advise us differently.

Sincerely,

Dean

Enclosures:

Copies 1 thru 3 of the following documents:

1132X5.184

1132X5.185

1132X5.186

1132X5.187

cc: H. A. W. - AGO

Copy 4 of above listed documents